

N.P. 233



PRICE
FOUR SHILLINGS

DOVER STRAIT

POCKET TIDAL STREAM ATLAS

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The Lords Commissioners of the Admiralty

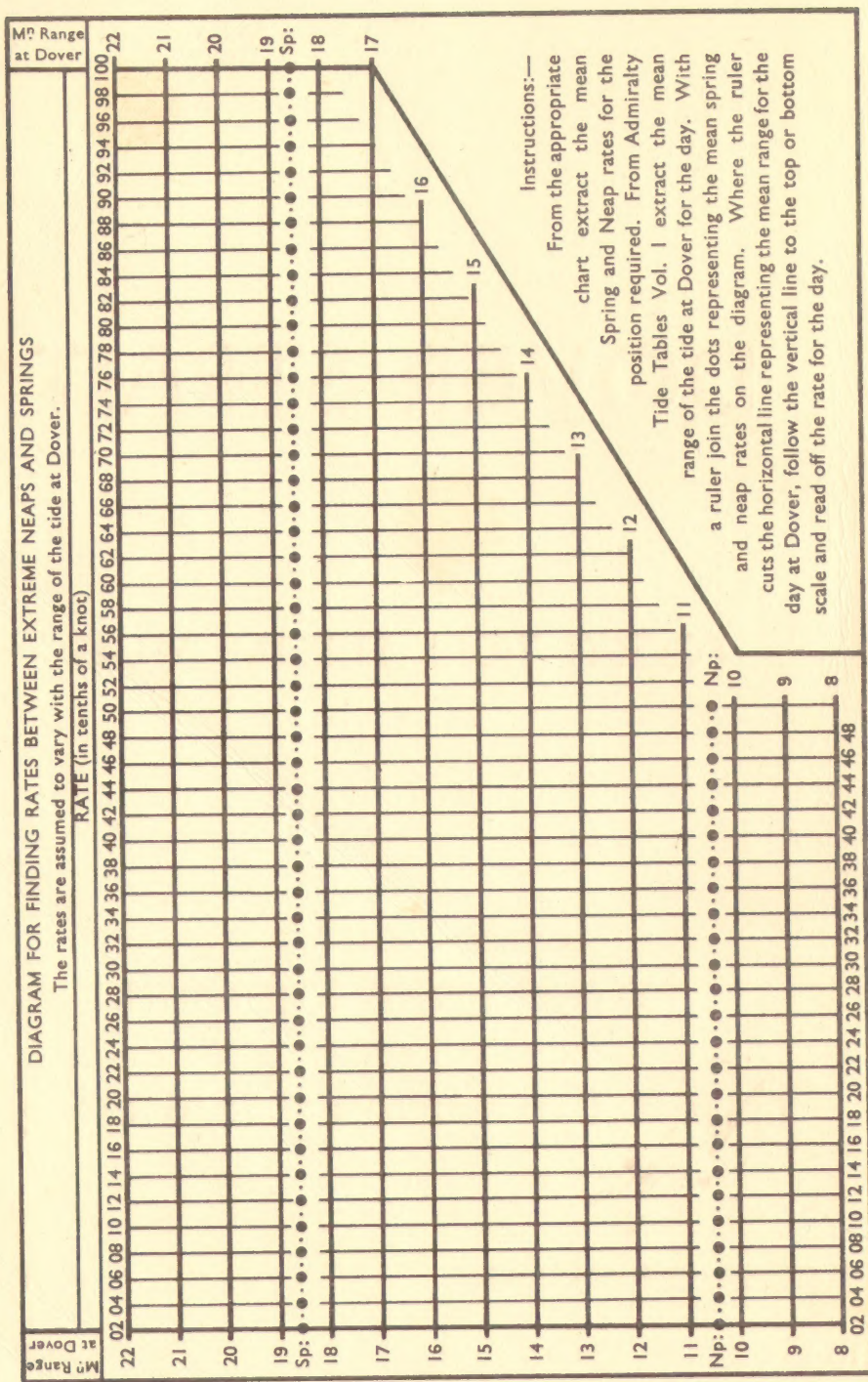
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JULY 1963

TO BE OBTAINED FROM THE AGENTS FOR THE SALE OF ADMIRALTY CHARTS

H.D.536

COMPUTATION OF RATES BETWEEN EXTREME NEAPS AND SPRINGS



DOVER STRAIT

POCKET TIDAL STREAM ATLAS

Description.

The directions of the streams are shown by the arrows. These have been graded in weight and, where possible, in length to indicate the approximate rate of the tidal stream so that \longrightarrow indicates a weak stream and \longrightarrow indicates a strong stream.

The figures give the mean neap and spring rates in tenths of a knot, thus: 19,34 indicates a mean neap rate of 1.9 knots and a mean spring rate of 3.4 knots. The comma indicates the approximate position at which the observations were obtained.

Computation of Rates. Example:—

Required:— Prediction of the rate of the tidal stream about 2 miles off C. Gris Nez at 0500 G.M.T. on 30th. November, 1963.

Extract from A.T.T. Vol. I for 30th. November, 1963 at Dover.

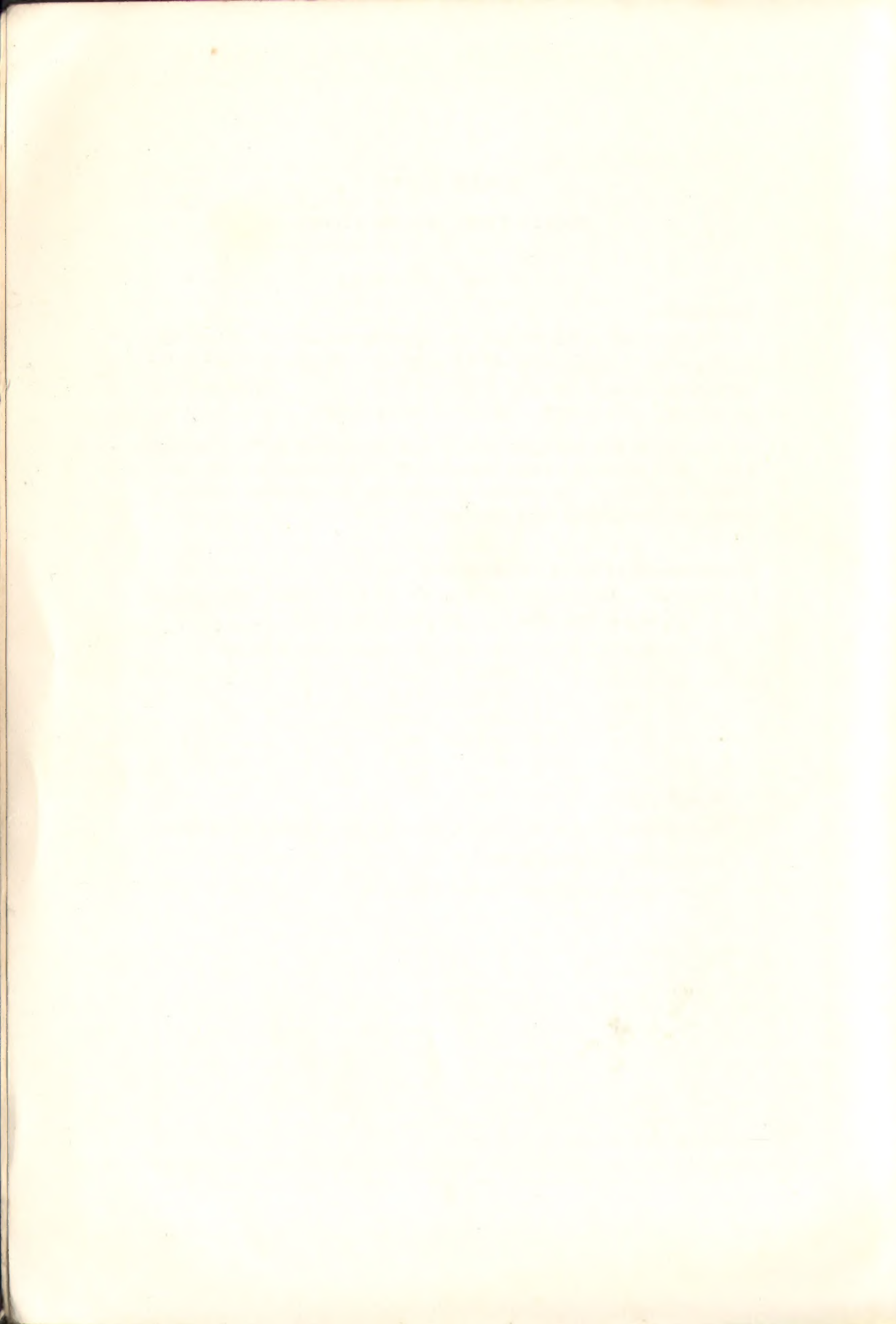
0505	0.6
0959	20.8
1730	0.0
2225	20.7

Mean Range for the day is 20.6.

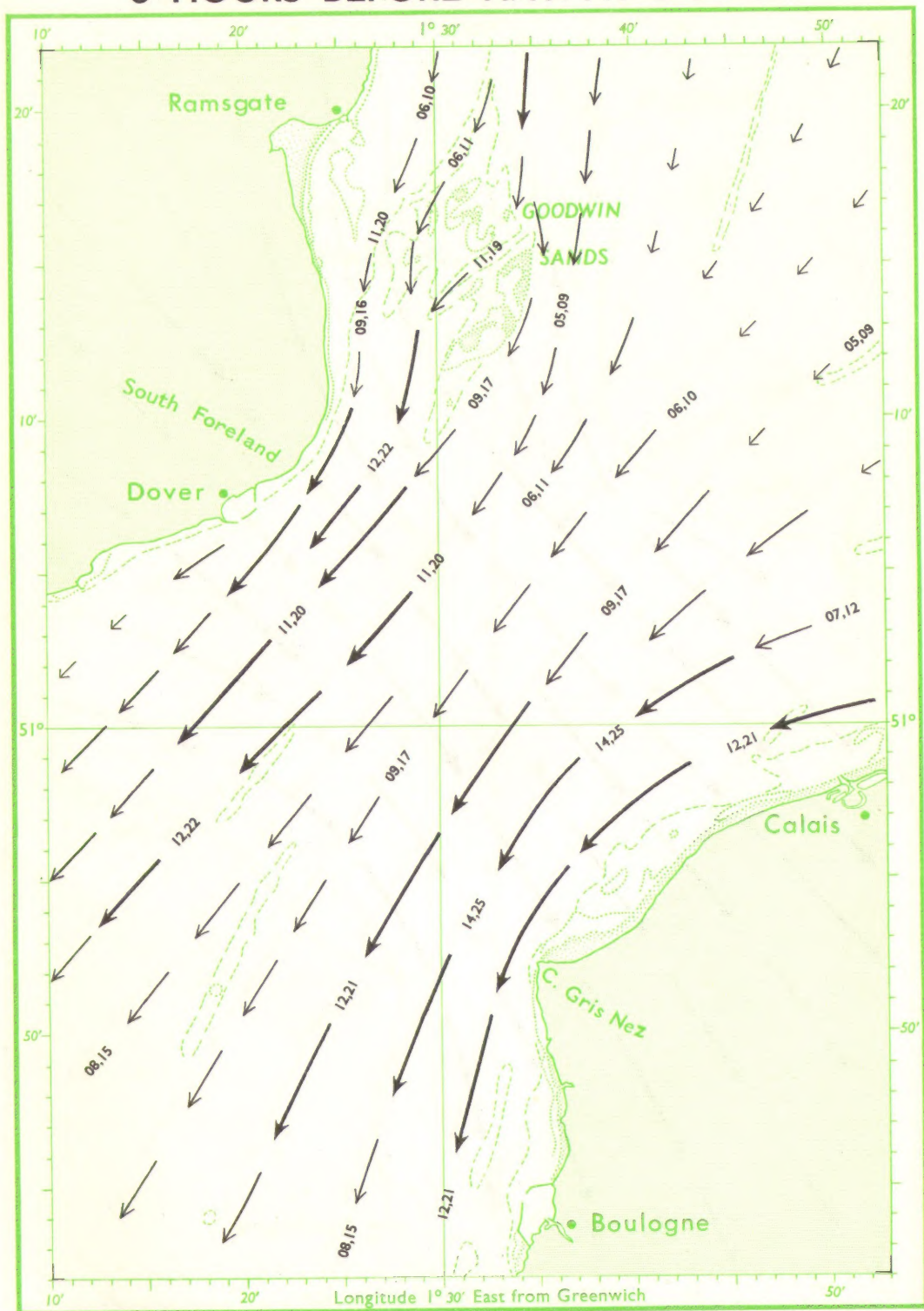
Appropriate chart in the atlas is that for 5 hours before H.W. Dover.

From chart, rate given is 18.33.

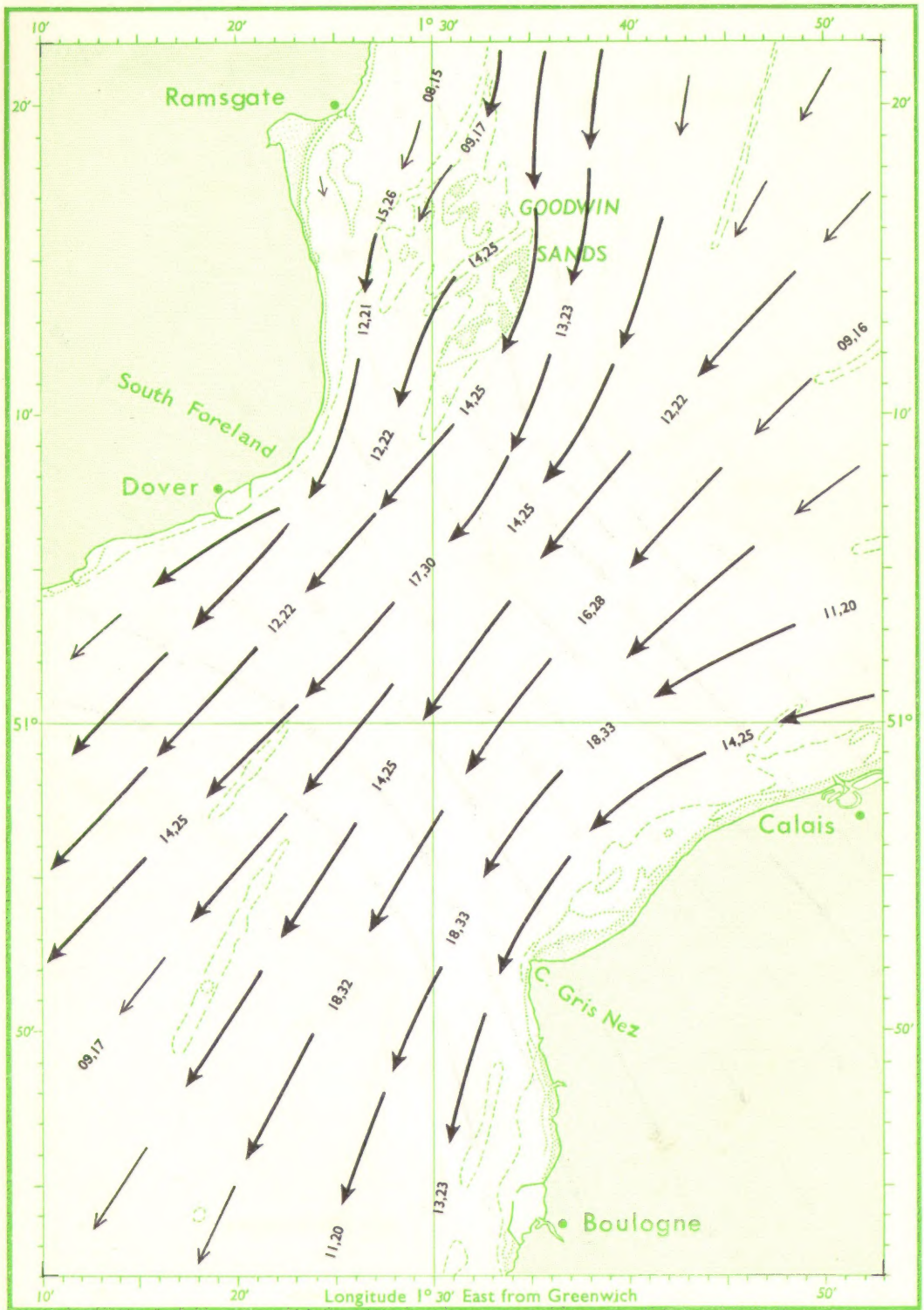
From diagram, predicted rate is 3.7 knots.



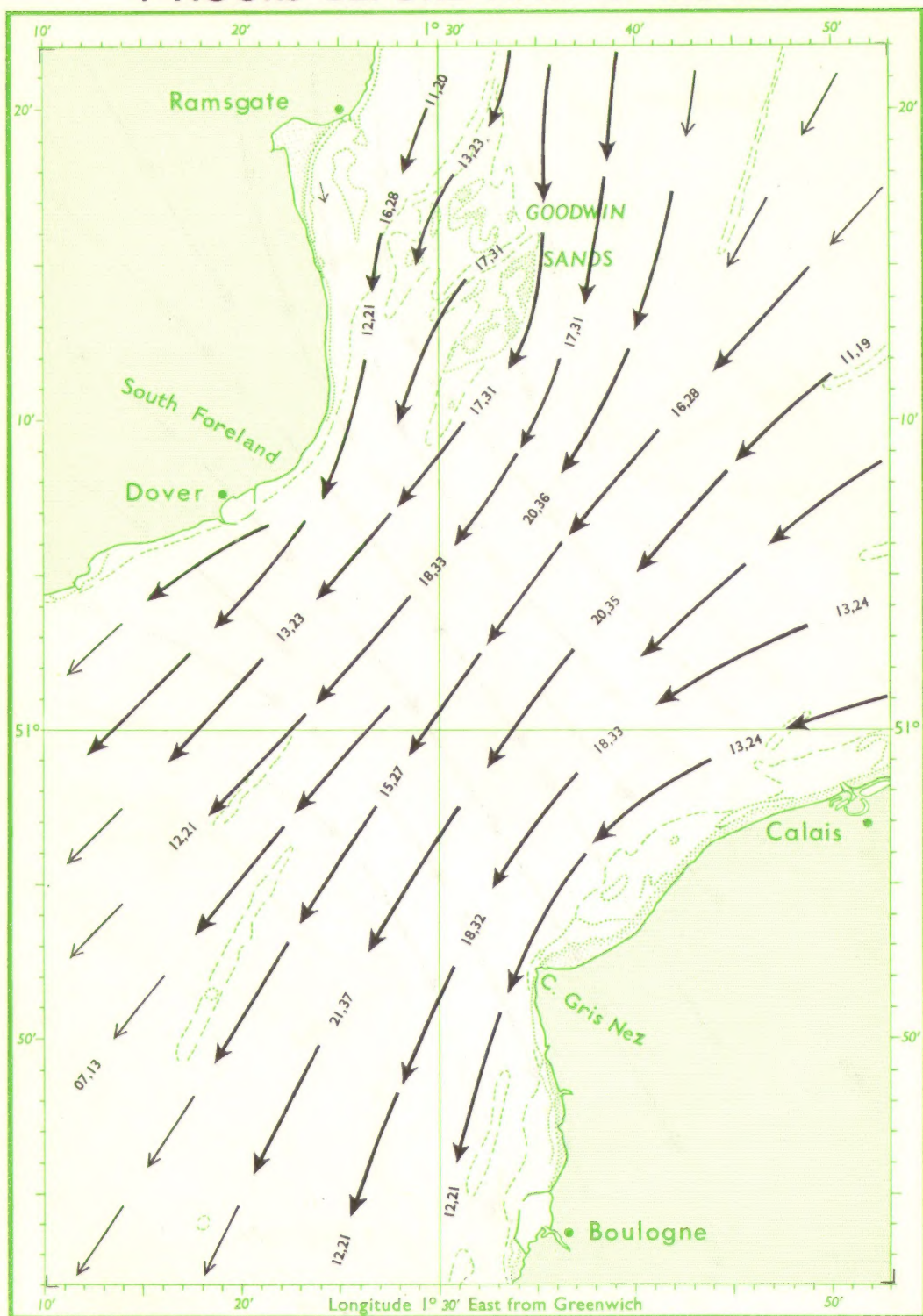
6 HOURS BEFORE H.W. AT DOVER



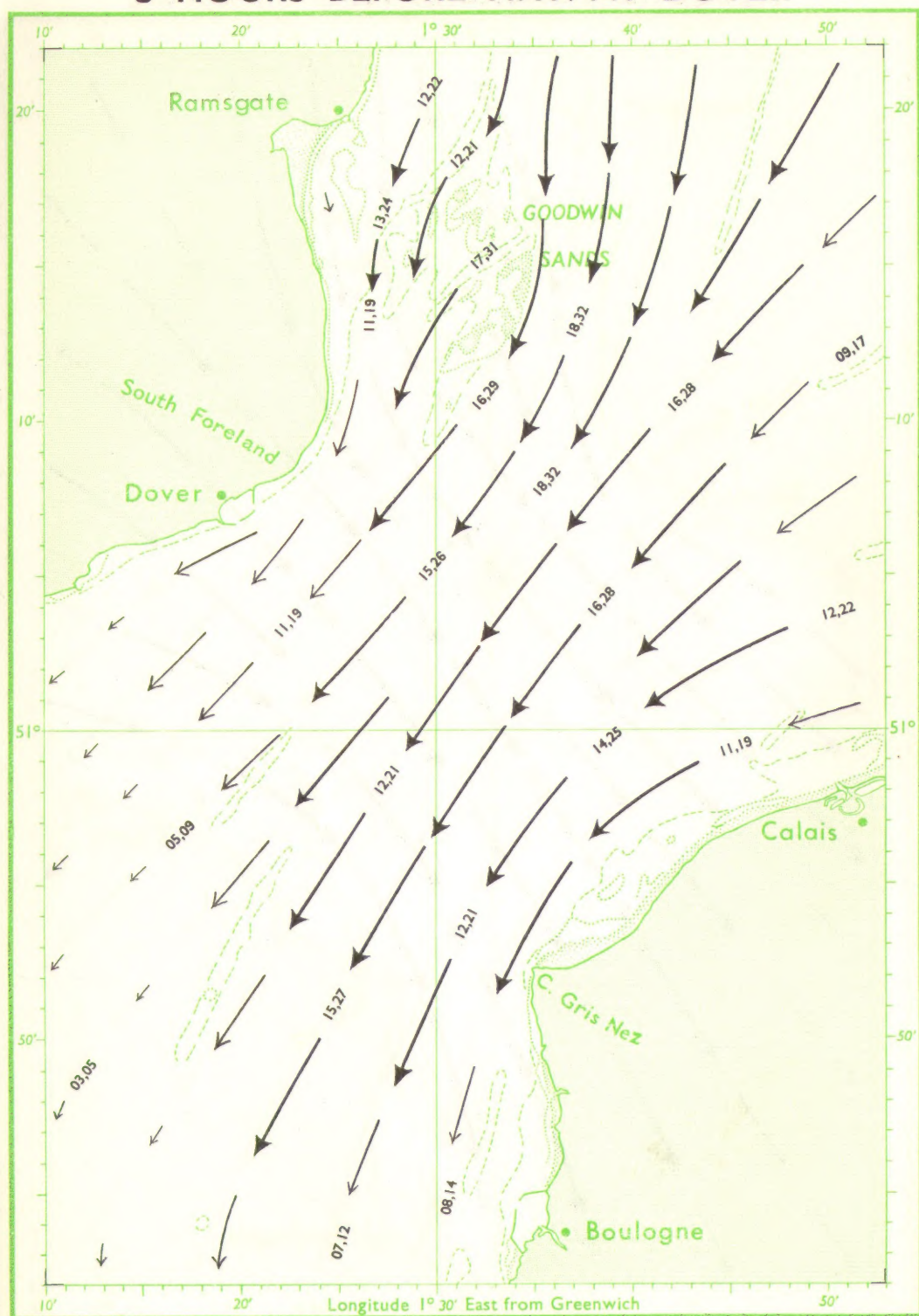
5 HOURS BEFORE H.W. AT DOVER



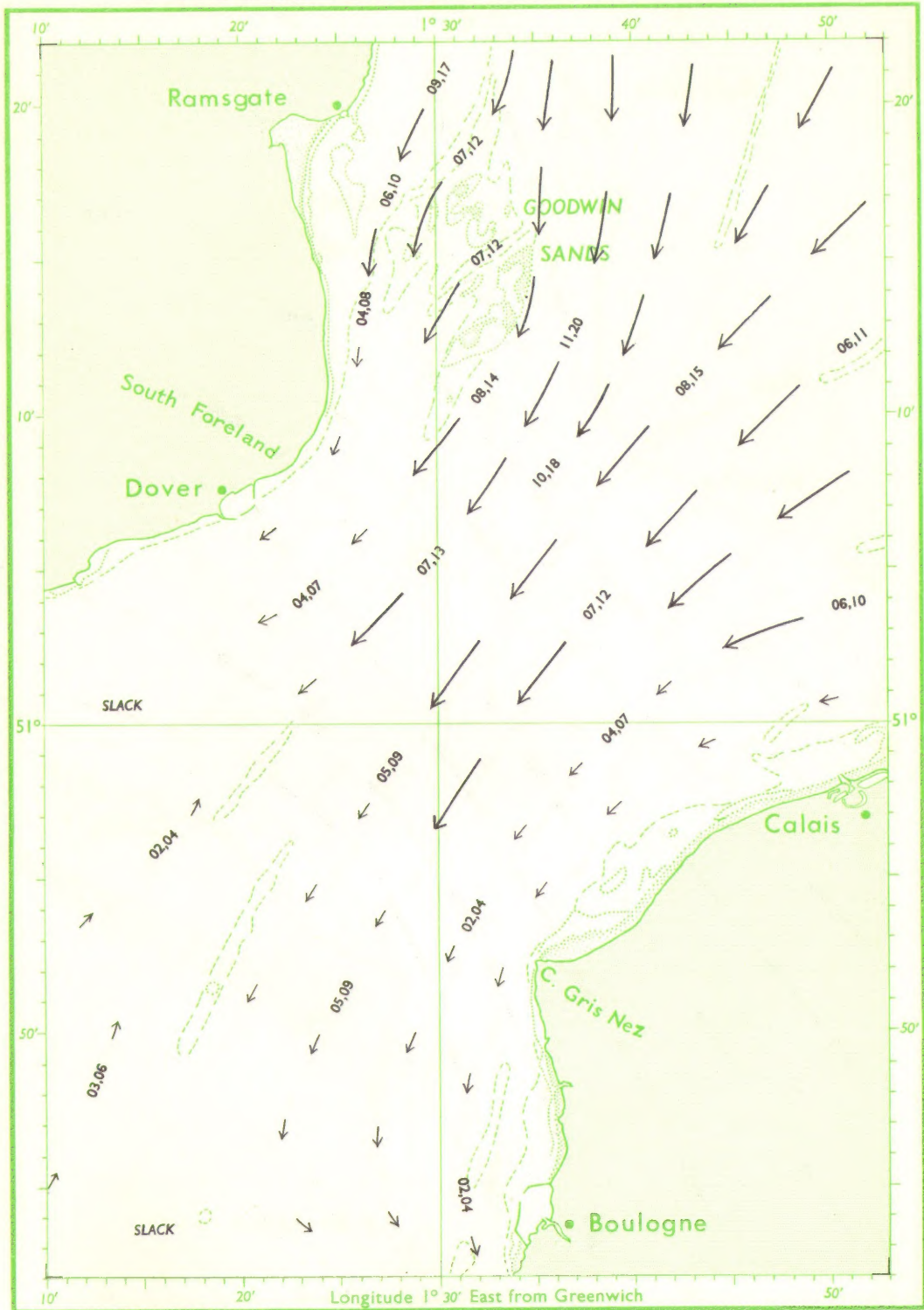
4 HOURS BEFORE H.W. AT DOVER



3 HOURS BEFORE H.W. AT DOVER



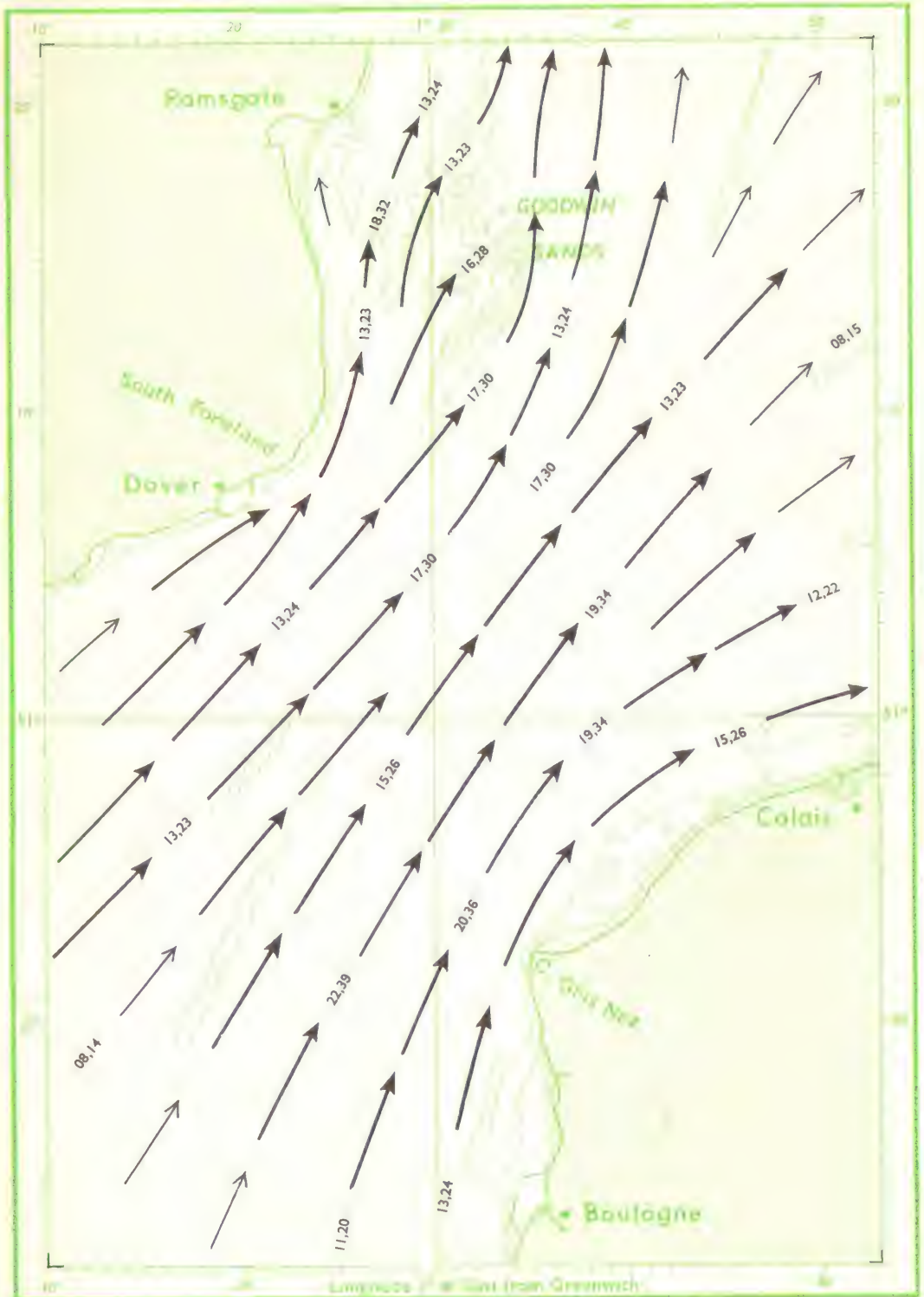
2 HOURS BEFORE H.W. AT DOVER



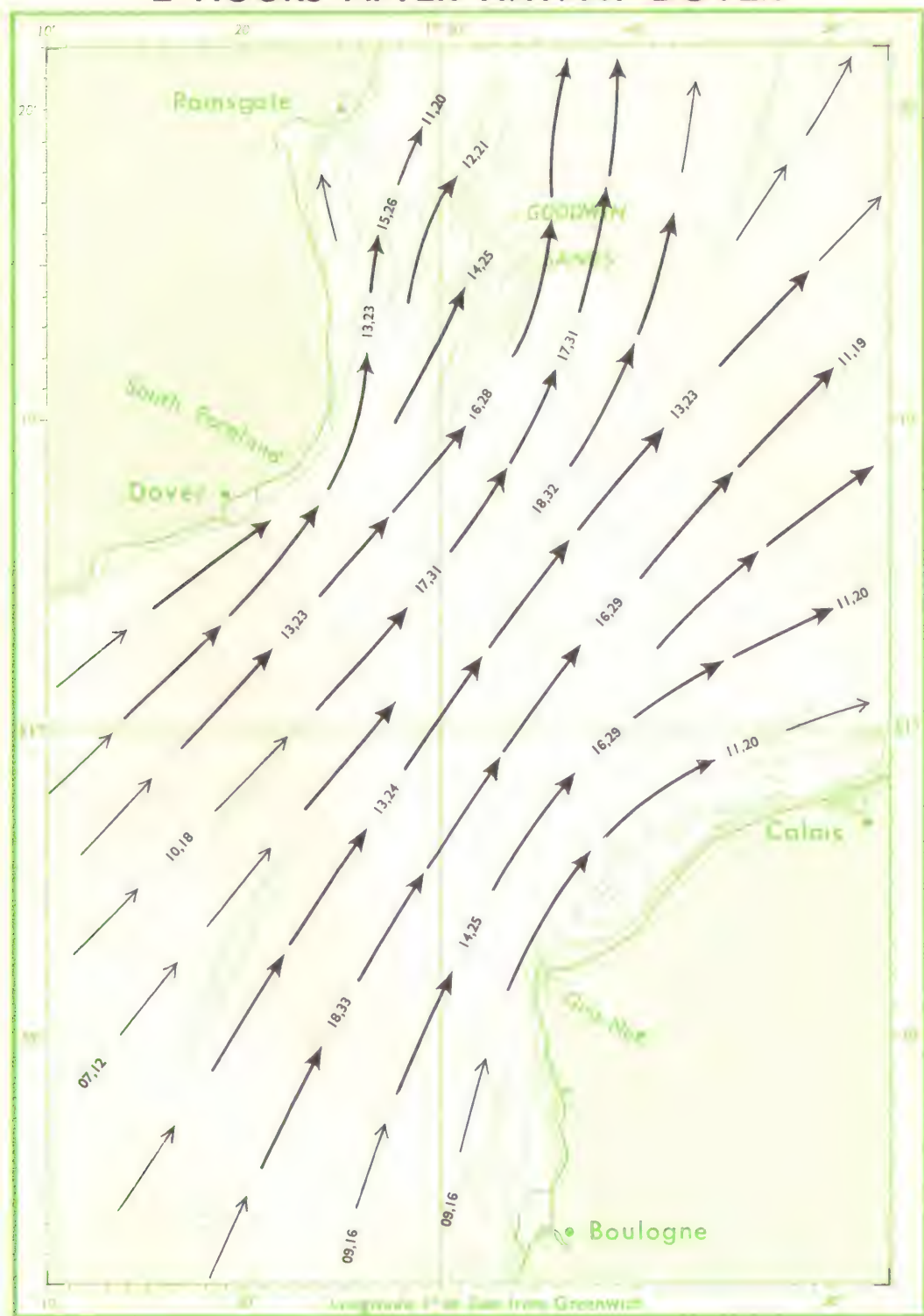
AT HIGH WATER DOVER



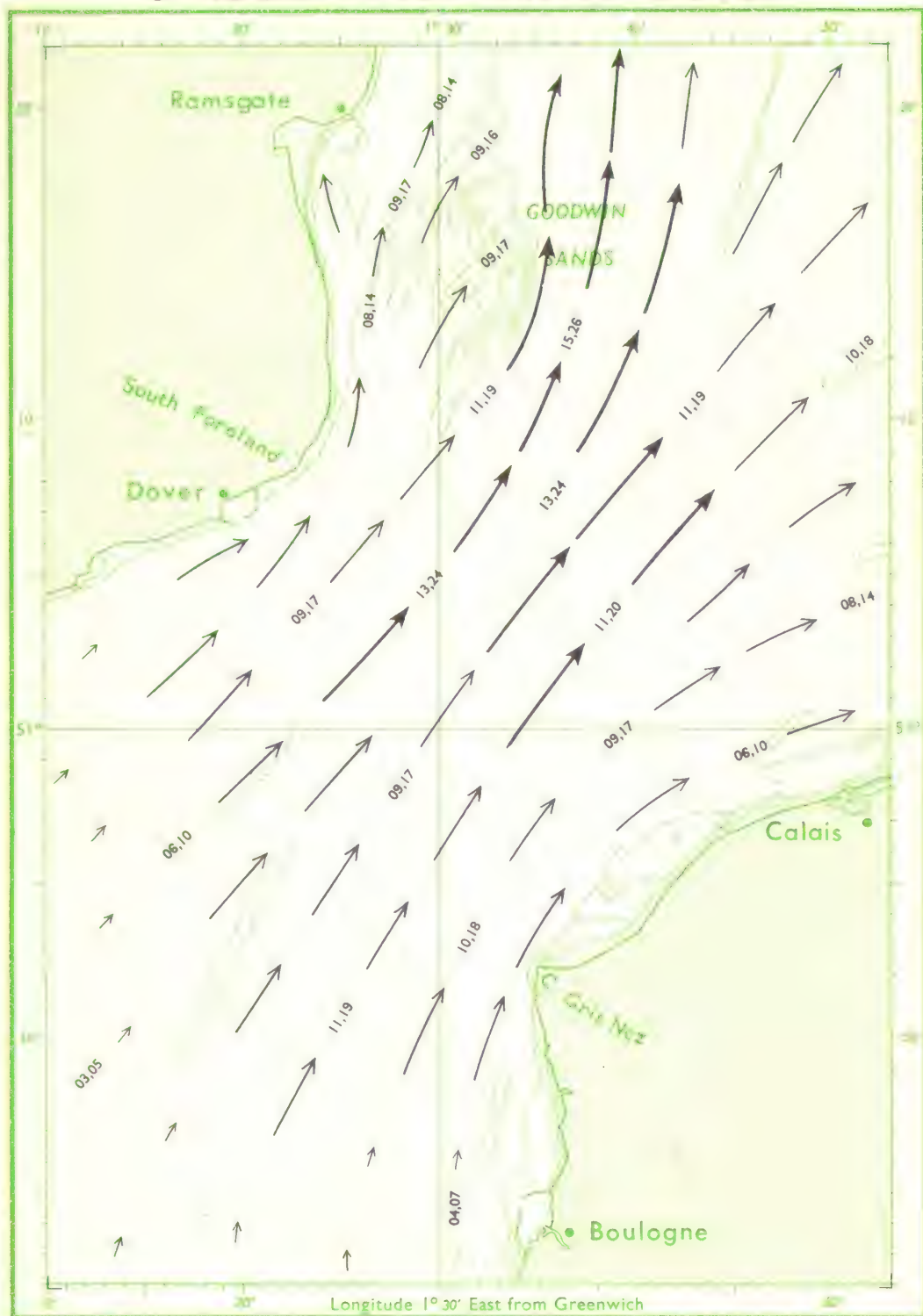
1 HOUR AFTER H.W. AT DOVER



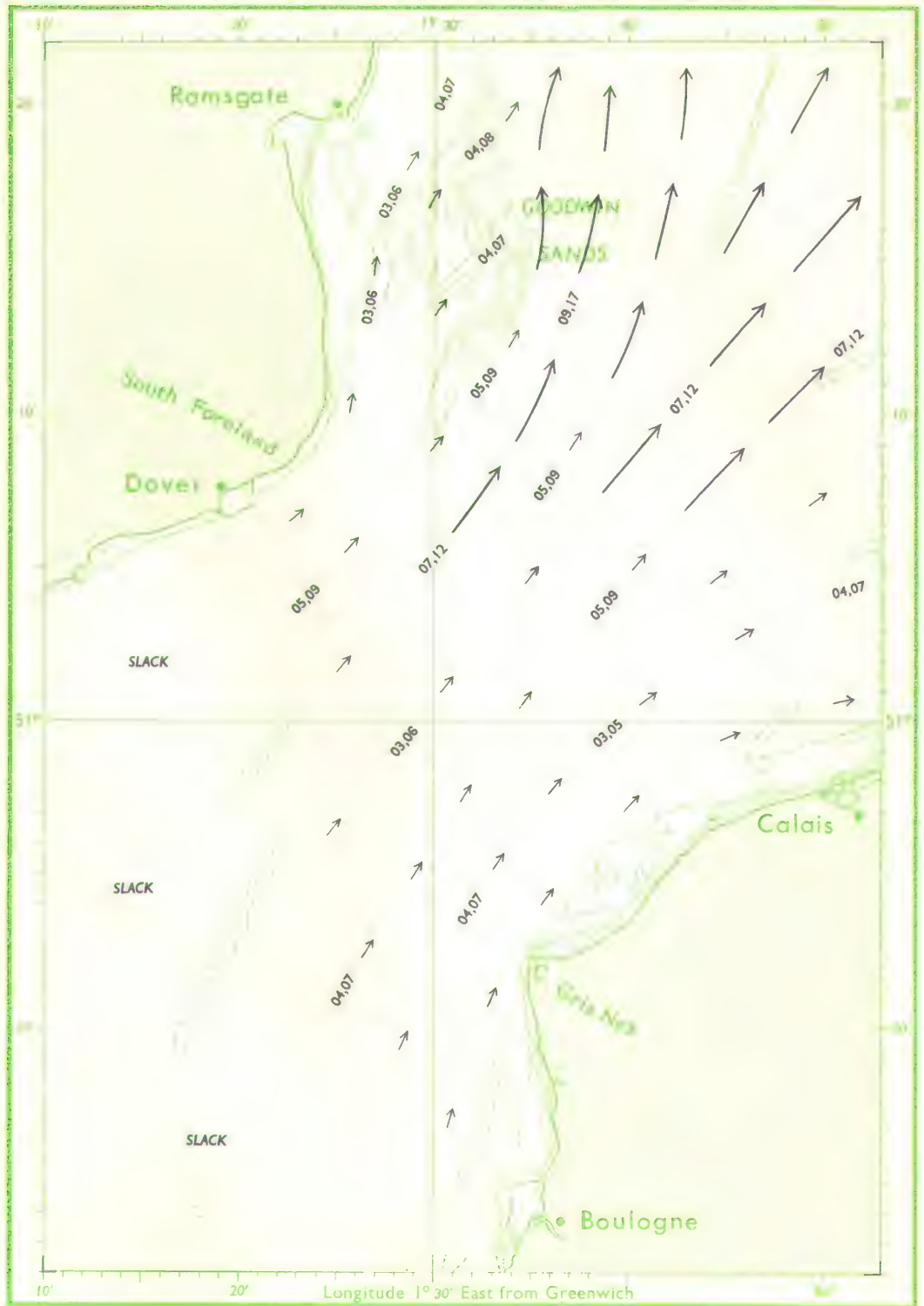
2 HOURS AFTER H.W. AT DOVER



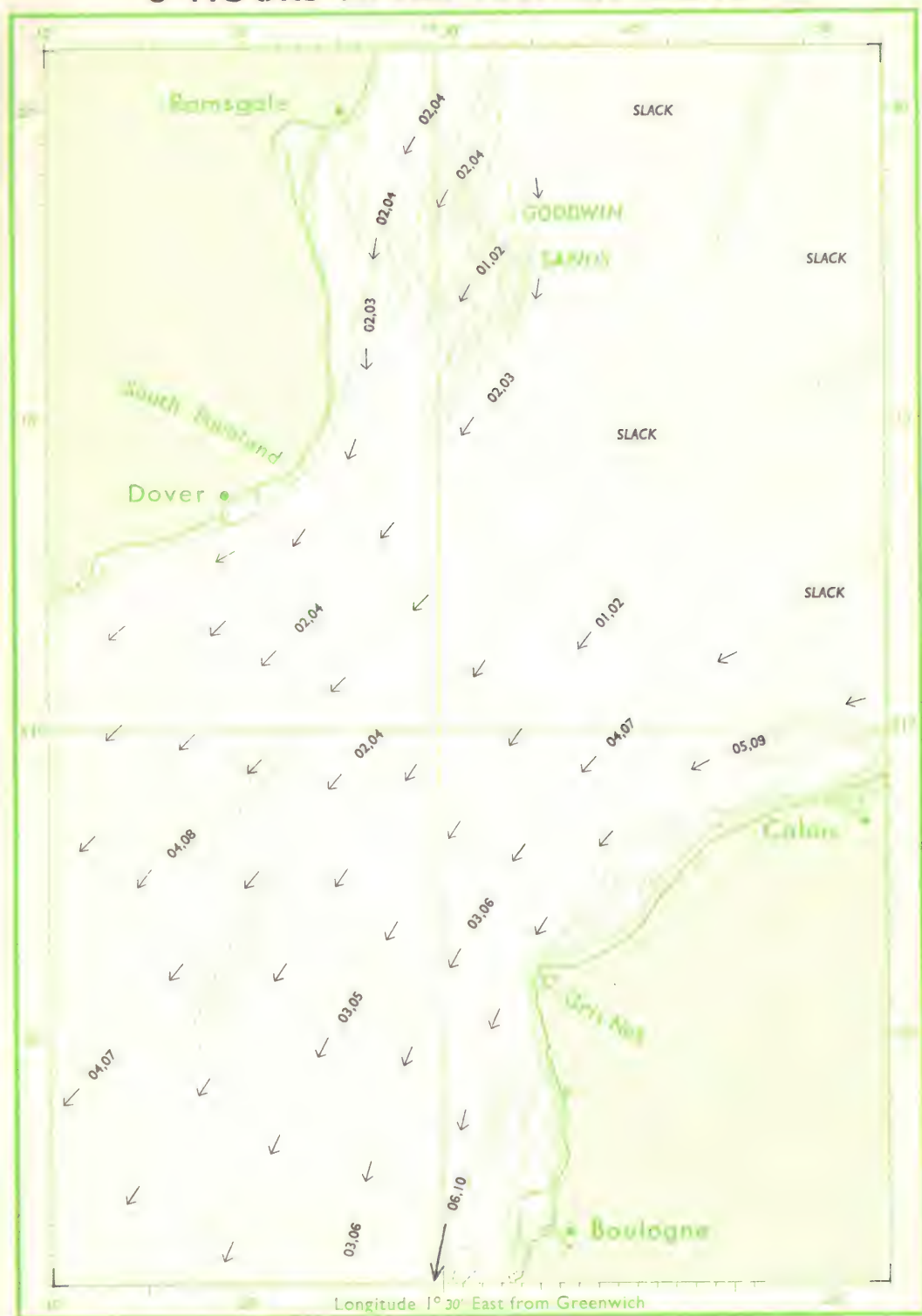
3 HOURS AFTER H.W. AT DOVER



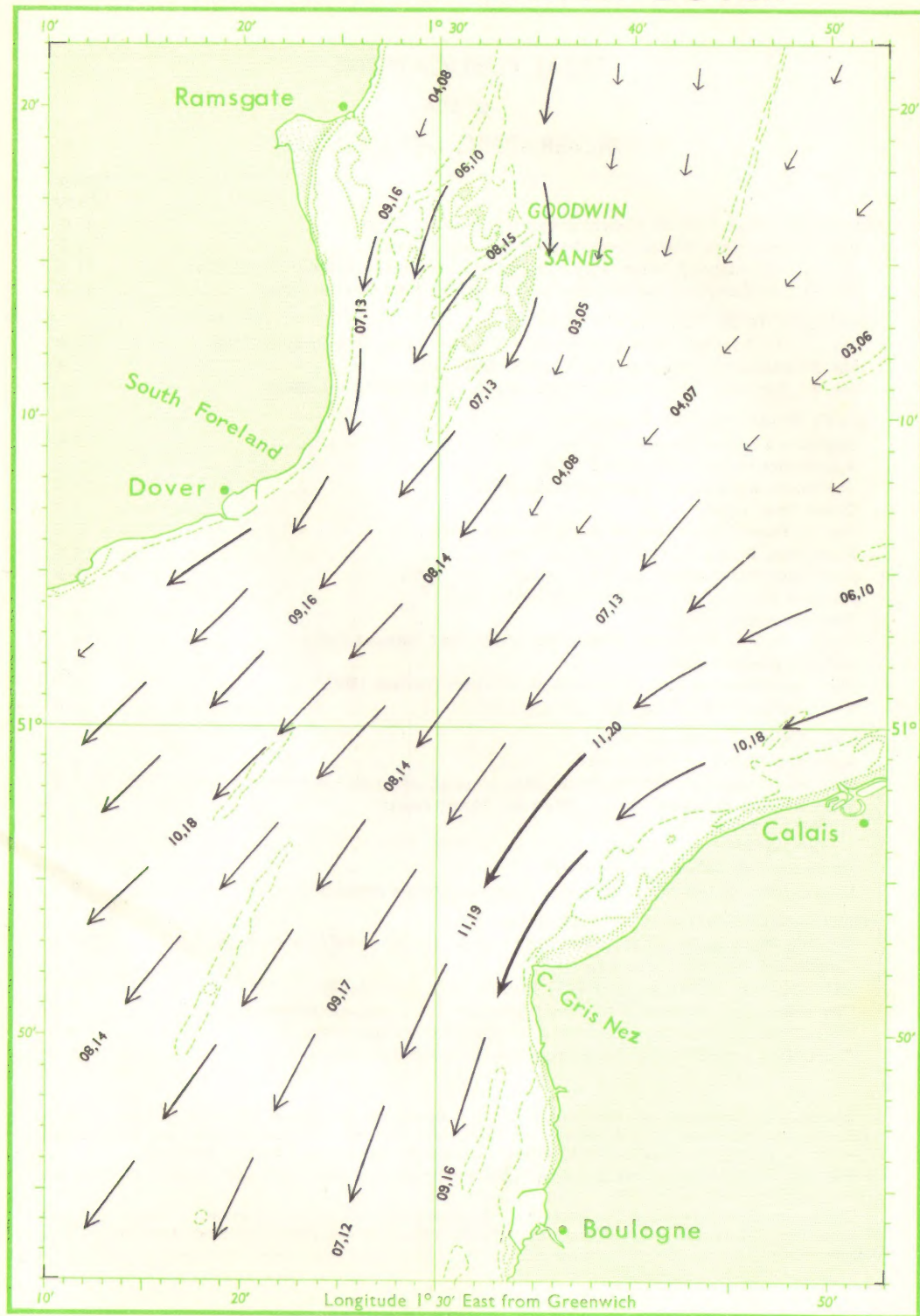
4 HOURS AFTER H.W. AT DOVER



5 HOURS AFTER H.W. AT DOVER



6 HOURS AFTER H.W. AT DOVER



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